

REMARKS

This case has been carefully reviewed and analyzed in view of the outstanding Office Action dated September 8, 2006.

The Examiner has rejected claims 7-12 under 35 U.S.C. 103(a) as being unpatentable over Wilford (U.S. Patent 3,351,691), and further in view of Gill (U.S. Patent 6,886,807). Claims 7-12 have been canceled and replaced with new claim 13 in order to overcome the rejection.

The Wilford and Gill references cited by the Examiner can be clearly distinguished from the present invention in structure and it is respectfully requested that the rejection be withdrawn in light of the following reasons.

The nozzle of the present invention (see FIG. 4 of the present application) is designed for opening the outlet crevice 32 to the maximum degree when bitten by the user, and for closing the outlet crevice 32 automatically when released in order to prevent leakage. The end of the nozzle is provided with a binding cover 31 which has an extruding loop 25 at the extended end thereof, and the nozzle 30 is provided with combinative blocks 22 in the interior and a threaded cover 20 at the back. The threaded cover 20 is threadedly engaged with a water conduit of a water bag (not shown) in use, and so the nozzle can be easily disengaged from the water conduit for washing without causing damages to the strength of the structure after use.

The structure of the nozzle of the present invention is characterized as follows:

- A. The nozzle is provided with a binding cover 31 at the front end, a threaded cover 20 at the rear end, and combinative blocks at the intermediate portion.
- B. The binding cover 31 is provided with an extruding loop 25 at the outer end and a recession loop 24 at the bottom so that the binding cover 31 can be pulled backward.

The applicant has filed a patent application for the structure of the nozzle in U.S. patent application Serial No. 10/834,904 which has been published, and the present application is for applying a method for manufacturing a soft nozzle which can open the outlet crevice 32 to the maximum degree when bitten by the user, and close the outlet crevice 32 automatically when released by the user in order to prevent leakage. Hence, although it is well known to use movable mold in the technical field of plastic injection, the processing steps of the present invention are in a particular order and comprises:

1. Preparing threaded cover 2 made of hard plastic;
2. In order to prevent the wall of the nozzle from being damaged when bitten by the user and to ensure the wall of the nozzle to restore to its shape rapidly, at least a pair of "combinative blocks 22" are provided in the interior of the nozzle, so that the "first mold post 13" with stepped portions must be engaged with the threaded cover 20 and the combinative blocks 22 thereby disposing the first mold post into the cavity of the mother mold 10.
3. In order to form the binding cover 31 at the front end of the nozzle, the "second mold post 16" is provided with a gradually expanded end which has a flange 17 so as to form a "recession loop 24" at the bottom of the binding cover 31 after plastic injection molding. The provision of the recession loop 24 enables the binding cover 31 to be completely pulled backward. The extruding loop 25 at the front end of the binding cover 31 provides a binding effect as a rubber band, and provides an expanding force when the nozzle is no longer bitten by the user.

In conclusion, the present invention can be clearly distinguished from the Wilford and Gill references in structure. The Wilford and Gill references merely

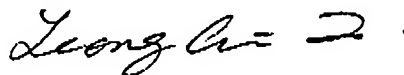
disclose using movable core dies into the cavity of the mold as the prior art, but fail to disclose the features of the threaded cover 20, the combinative blocks 22 provided within the nozzle, and the binding cover 31 capable of being completely pulled backward. Further, the threaded cover can be easily disengaged from the water conduit for washing without causing damages to the strength of the structure after use.

Accordingly, even if the disclosures of the cited references are combined together, the combined disclosure still fails to teach a method for manufacturing a soft nozzle having a preferred open status as claimed in new claim 13. It is clear that the combined disclosure of the cited reference still fails to teach each and every element of the claimed invention and so the subject matter sought to be patented as a whole would not have been obvious to one of ordinary skill in the art.

The applicant has reviewed the prior art as cited by the Examiner but not used in the rejection and believes that the new claim clearly and distinctly patentably defines over such prior art.

It is now believed that the subject Patent Application has been placed in condition of allowance, and such action is respectfully requested.

Respectfully submitted,



Signature

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